

Prediction-correction pedestrian flow via minimum flow problem

vendredi 10 novembre 2023 09:00 (45 minutes)

In this talk we present a new variant of mathematical prediction-correction model for crowd motion. As the first step (prediction) is somehow classical and performed via a transport equation, we shall focus on the second step (correction) which relies on a minimum flow problem. We discuss some duality results and how to use solve the minimum flow problem via a primal-dual algorithm. We provide some numerical examples to illustrate our approach.

Orateur: ENNAJI, Hamza

Classification de thématique: Exposé